

REMARKS

Claim 5 is pending in this application. Claim 5 stands rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 4,731,851 (“Christopher”). In light of the remarks set forth below Applicant requests reconsideration and withdrawal of the rejection and respectfully submits that pending claim 5 is in immediate condition for allowance.

To anticipate a claim under 35 U.S.C. § 102, the cited reference must disclose every element of the claim, as arranged in the claim, and in sufficient detail to enable one skilled in the art to make and use the anticipated subject matter. See, PPG Industries, Inc. v. Guardian Industries Corp., 75 F.3d 1558, 1566 (Fed. Cir. 1996); C.R. Bard, Inc. v. M3 Sys., Inc., 157 F.3d 1340, 1349 (Fed. Cir. 1998). A reference that does not expressly disclose all of the elements of a claimed invention cannot anticipate unless all of the undisclosed elements are inherently present in the reference. See, Continental Can Co. USA v. Monsanto Co., 942 F.2d 1264, 1268 (Fed. Cir. 1991).

Paragraph 2 of the Office Action asserts that Figure 6 of Christopher shows a plurality of parallel signal lines that are shifted a number of bits as explicitly recited in Applicant’s claim. Applicant respectfully disagrees. Figure 6 of Christopher and its associated disclosure show a plurality of parallel lines output from course gain barrel shifter 501 being processed by weighing circuits 504, 506, 508 which are merely dividers.

In contrast, Applicant explicitly recites a plurality of signal lines arranged parallel to each other for producing in advance signals that are shifted a number of bits necessary for operating on said input signal. Thus, Applicant explicitly claims that each of the plurality of signal lines is individually shifted a number of bits. This shifting of bits is not a “divide by” operation as asserted in the Office Action. As such, Christopher fails to disclose the express limitations of claim 5 and Applicant respectfully requests reconsideration and withdrawal of the rejection of claim 5.

Applicant has responded to all of the rejections and objections recited in the Office Action. Reconsideration and a Notice of Allowance for all of the pending claims are therefore respectfully requested.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue.

If the Examiner believes an interview would be of assistance, the Examiner is welcome to contact the undersigned at the number listed below.

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Respectfully submitted,

By

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